

HEC Lausanne
MSc Economics
 Study Plan 2021-2022-2023

Courses	Professors	Semesters				ECTS	Hours	Ev	Mentions			
		1 Aut	2 Spr	3 Aut	4 Spr				MaP	MiP	QE	BE
MODULE 1: 30 ECTS compulsory												
Click for course syllabus												
Econometrics	Huber M.					7.5	4h+1	E 2h				
Macroeconomics	Coulibaly D.					7.5	3h+2	E 3h				
Microeconomics	Klaus B.					7.5	4h+1	E 3h				
<i>+ 1 option to be chosen from:</i>												
OPTION A												
- Applied Mathematics	Dogan B.					1.5	1h	E 2h				
- Mathematics for Economics and Finance	Drenovak M.					6	4h+1	E 3h				
OPTION B												
- Economic Policy Seminar	Maurer J/Benghalem H.					6	4h	A,C				
- Mathematics for Economic Policy	Gallo O.					1.5	1h	E 2h				
OPTION C												
- Genes, Populations, and Evolution	Lehman L.					6	4h	E oral				
- Mathematics for Economic Policy	Gallo O.					1.5	1h	E 2h				

MODULE 2: 60 ECTS elective												
Advanced Programming	Scheidegger S.					6	4h	A,B,C		EL	EL	EL
Advanced Topics in Industrial Organization (ATIO)	Strimbu O.					6	4h	A,B		CO	EL	CO
Behaviour, Economics and Evolution Lecture Series	Lehman L./Santos Pinto L.					6	2h	A,C				
Business Cycles	Siena D.					6	4h	E 4h	CO		CO	
Economic Growth	Rotesi T./Bonadio B.					6	4h	E 2h	CO		EL	
Environmental Economics	Di Falco S.					3	2h	E 2h		CO		EL
Financial Institution & Regulation	Bruhin A.					6	4h	E 2h	EL	CO		CO
Game Theory	Gizatulina A.					6	4h	A,B		EL	CO	EL
International Macroeconomics	Bacchetta P.					6	4h	E 2h	CO		EL	
Macroeconometrics	Renne J-P.					6	4h	E 2h	EL		CO	EL
Microeconometrics	Renne J-P.					3	4h	E 2h		EL	CO	EL
Political and Institutional Economics	Rohner D.					6	4h	E 2h	EL	CO		
Public Economics	Fourati M./Rubolino E.					6	4h	E 2h	EL	CO	EL	
Advanced Topics in Economic Policy (Sept-Oct 2021 ONLY)	Kotlikoff L. (Boston Uni)					3	2x2h30	A,C	EL	EL		
Behavioral Economics	Santos Pinto L.					6	4h	A,B		EL		CO
Development Economics	Esposito E./Rotesi T.					6	4h	A,B	CO	CO	EL	
Dynamic Macroeconomic Models	Brumm J.					6	4h	A,B	CO		CO	
Economic Analysis and Communication	Montez J.					6	4h	A,B	EL	EL		EL
Economic Forecasting for Decision Making	Grobéty M.					6	4h	A,C	EL		EL	EL
Experimental Methods	Hakimov R./Schmacker R.					6	4h	A,B,C		EL	CO	EL
Health Economics	Maurer J./Dusheiko M.					6	4h	E,A,B		CO		
International Trade	Milet E.					6	4h	E 2h	EL	CO		EL
Labor Economics and Policy	Lalive R.					3	2h	A,C	EL	CO	EL	CO
Leadership Development	Bendahian S.					3	2h	E 2h				EL
Macro Finance	St-Amour P.					3	2h	E 2h	CO		EL	
Macroeconomics of Financial Crises - postponed to 2022						6	4h	E 2h	CO			
Macroeconomic Policy	Davenport M.					6	4h	A,B	CO			
Organizational Theory and Decision Making	Zehnder C.					6	4h	E 2h				CO
Regulatory Economics	Thoeni C.					3	2h	E 2h				EL
Courses outside MScE program - check page 2 for details												

MODULE 3: 30 ECTS compulsory												
Master Thesis	Choose your supervisor					30	E					

- Legend & useful information available on the next page -

Legend:**Aut 1:** Autumn 1st semester; **Spri 2:** Spring 2nd semester; **Aut 3:** Autumn 3rd semester; **Spri 4:** Spring 4th semester**ECTS:** Credits**Hours:** Nb of hours per week**Ev:** Evaluation type (A: presentation / B: problem sets / C: term paper / E: exam)**MaP:** Macroeconomic Policy mention**QE:** Quantitative Economics mention**CO** Compulsory course (for mention)**MiP:** Microeconomic Policy mention**BE:** Business Economics mention**EL** Elective course (for mention)**Useful information:**

1. Read the [Regulations](#) of this program.
2. This program has 120 credits
3. Module 1 is a common track that allows you to choose between 3 options.
4. Module 2 provides you with a menu of courses. You can choose from these courses as you wish or in a way to acquire 1 or 2 mentions.
5. Module 3 consists of your Master thesis.
6. How to acquire a mention? Each mention consists of a set of compulsory courses (CO marked in dark blue) and a set of elective courses (EL marked in light blue).
 - You need to choose at least 30 ECTS from the list of compulsory and elective courses, of which at least 18 ECTS come from the list of compulsory courses.
 - Each mention will be listed on the annex to your diploma.
7. In addition, 6 ECTS may be taken in courses of other Masters' programs not covered by this study plan. However, doing that requires the approval of the MScE Director.
8. Registration for the 3rd and subsequent semester examinations is only allowed if the student has fully met the requirements for obtaining the ECTS credits of module 1 corresponding to the compulsory series of examinations of the first semester.
9. For those taking FBM courses, you can find the Moodles of the FBM courses (if any) at moodle.unil.ch. For the Biology School, you have to register for the courses/exams BEFORE OCTOBER 17, 2021 via biologie-etudiants@unil.ch. BE CAREFUL, some courses have limited attendance...Don't wait up!

Due to the health evolution linked to COVID-19, the study plans may undergo the following adaptations during the semester:

- * possibility to switch from one teaching mode to another (face-to-face <-> distance learning, synchronous <-> asynchronous, switch to co-modal teaching where it was not foreseen at the beginning).
- * adaptation of assessment methods, without leading to derogations from the study regulations (oral <-> written, examination <-> validation, individual work <-> group work, practical work <-> theoretical work, in-person assessment <-> online assessment, etc.)
- * alternative or shifted modalities for courses, internships, practical work, fieldwork and camps that could not take place or courses that could no longer take place in the form initially planned.

Students are invited to consult regularly the study plans, syllabi and their email.

Courses Outside Study program of the MScE with a limit of 6 ECTS:

Courses	Professors	A1	S2	A3	S4	ECTS	Lang	Ev
Pre-approved courses (at the Graduate Institute - IHEID)								
Advanced International Trade A: Neoclassical Trade Theories	Baldwin R.					3	E	D
Advanced International Trade A: New Trade Theories	Baldwin R.					3	E	D
Competition Law and Economics	Neven D.					6	E	D
Econometrics II	Panizza U.					6	E	D
Economic History	Sussman N.					6	E	D
Advanced International Macroeconomics B: International Policy: Constraints, Changing Effectiveness, and New Tools	Tille C.					3	E	D
Advanced International Macroeconomics B: Policies to Harness Financial Globalisation	Tille C.					3	E	D

Examples of courses requiring approval by the Director of the MScE

Data Mining and Machine Learning	Vlachos M.					6	E	B,E
Ecological Economics and Transition	Boisvert V./Moussu N.					6	E	E
Probability and Stochastic Processes	Bladt M.					6	E	E
Advanced Data Analysis	Scheidegger S.					6	E	B
Droit International Économique	Ziegler A.					6	E	E
Environmental Crisis and Societal Change	Palazzo G./Vejdovsky B.					3	E	C
Fixed Income and Credit Risk	Rockinger M.					6	E	E
International Commercial Arbitration	Bonomi A./Lein E.					6	E	?
International Finance	Zhao Z.					6	E	B,E
Mergers, Acquisitions, and Corporate Restructurings	Grognez C. (tbc)					6	E	B,E